

1 **WHAT IS CLAIMED IS:**

2 1. A system for controlling operations associated with generating and detecting
3 ultrasonic surface displacements on a remote object, the operations including obtaining
4 information associated with the object, the system including:

5 a processor;
6 a laser ultrasonic system linked with the processor; and
7 a wireless communicator;
8 the wireless communicator generating a command signal;
9 the processor receiving the command signal and operating the laser ultrasonic
10 system based on the command signal.

1 2. The system according to claim 1 further including a restricted system.

1 3. The system according to claim 2 wherein the restricted system includes a
2 barrier.

1 4. The system according to claim 3 wherein the lasing system is enclosed by the
2 barrier.

1 5. The system according to claim 3 wherein the wireless communicator opens the
2 barrier.

1 6. The system according to claim 1 wherein the lasing operations include
2 obtaining information associated with a user.

1 7. The system according to claim 6 further including an identifier associated with
2 the user.

1 8. The system according to claim 7 wherein the wireless communicator generates
2 a command signal based on the identifier.

1 9. The system according to claim 1 wherein the lasing operations include
2 obtaining information associated with an object.

ATTORNEY'S DOCKET NO. 8571:42

PATENT
Customer ID No. 22444

1 10. The system according to claim 9 further including an identifier associated with
2 the object.

1 11. The system according to claim 10 wherein the wireless communicator generates
2 a command signal based on the identifier.

1 12. The system according to claim 1 wherein the lasing operations include
2 controlling a robotic device.

1 13. The system according to claim 12 wherein the wireless communicator generates
2 a command signal associated with the robotic device.

1 14. The system according to claim 12 wherein the wireless communicator generates
2 a command signal based on the typematic rate of interface.

1 15. The system according to claim 12 wherein the wireless communicator
2 continuously generates a command signal based on a typematic rate of interface.

1 16. The system according to claim 12 wherein the wireless communicator
2 continuously generates a plurality of command signals based on the typematic rate of interface.

1 17. A system for processing information, the information associated with an object
2 for receiving energy from a high-energy density system, the system comprising:
3 a processor,
4 a wireless communicator coupled to the processor; and
5 an identifier associated with the object;
6 the wireless communicator reading the identifier and generating a command
7 signal based on the identifier.

1 18. A system for recognizing an object and subjecting energies to the object in
2 accordance with the recognition thereof, the system comprising:
3 a processor;
4 the processor including a library;
5 the library executing a object recognition sequence associated with the object;
6 and a wireless communicator coupled to the processor;

ATTORNEY'S DOCKET NO. 8571:42

PATENT
Customer ID No. 22444

7 the communicator generating a command signal based on the object recognition
8 sequence.

1 19. A security system for selectively limiting user access to a restricted system, the
2 security system comprising:

3 a barrier enclosing the restricted system;
4 a processor coupled to the barrier;
5 a wireless communicator coupled to the processor;
6 an identifier associated with the user;
7 the wireless communicator generating a valid user command signal based on
8 the identifier; and

9 the processor providing user entry through the barrier based on the valid user
10 command signal and access data associated with the processor.

1 20. The system according to claim 19 wherein the restricted system includes a
2 lasing system.

1 21. The system according to claim 19 wherein the wireless communicator
2 selectively generates a valid user command signal based on the identifier.

1 22. The system according to claim 19 wherein the processor selectively provides
2 user entry through the barrier based on the valid user command signal and access data
3 associated with the processor.

1 23. A system for controlling robotic device, the system comprising:
2 a processor; and
3 a wireless communicator;
4 the wireless communicator generating a command signal;
5 the processor receiving the command signal and operating the robotic device
6 based on the command signal.

1 24. A system for controlling robotic device according to a typematic rate of
2 interface, the system comprising:
3 a processor; and
4 a communicator,
5 the communicator generating at least one command signal based on the
6 typematic rate of interface; and
7 the processor receiving the at least one command signal and operating the
8 robotic device based on the at least one command signal.

1 25. The system according to claim 24 wherein the communicator continuously
2 generates the at least one command signal based on the typematic rate of interface.

1 26. A method for operating a high-energy density system, the method comprising
2 the steps of:
3 linking a processor with the high-energy density system;
4 generating a command signal via wireless communicator;
5 controlling the high-energy density system based on the command signal
6 received by the processor.

1 27. The method according to 26 wherein the step of generating a command signal
2 includes the step of generating a wireless command signal via the communicator.

1 28. The method according to 26 wherein the step of generating a command signal
2 includes the step of generating a continuous command signal via the wireless communicator
3 based on the typematic rate of interface.

1 29. The method according to 26 wherein the step of controlling the high-energy
2 density system includes the step of receiving a command signal with the high-energy density
3 system based on the typematic rate of interface.

1 30. The method according to 26 wherein the step of generating a command signal
2 includes the step of generating a command signal via the wireless communicator based on an
3 identifier.

1 31. The method according to 26 wherein the step of controlling the high-energy
2 density system includes the step of controlling a lasing system.

1 32. The method according to 26 wherein the step of controlling the high-energy
2 density system includes the step of controlling a robotic device.

1 33. A method of applying energy to an object, the method comprising the steps of:
2 executing an object recognition sequence for the object via a processor library;
3 and

4 generating a command signal with a wireless communicator based on the object
5 recognition sequence.

1 34. A method for limiting user access to a restricted system, the method comprising
2 the steps of:

3 enclosing the restricted system with a barrier;
4 coupling a processor to the barrier;
5 associating an identifier with the user;
6 generating a valid user command based on the identifier via a wireless
7 communicator; and
8 entering through the barrier via the valid user command received by the
9 processor.

1 35. A method for operating a robotic device. The method comprising the steps of:
2 coupling a processor with the robotic device;
3 coupling a wireless communicator with the processor;
4 generating a command signal based on the typematic rate of interface; and
5 receiving the command signal via the processor and operating the robotic
6 device via the processor based on the command signal.

1 36. The method according to 35 wherein the step of generating a command signal
2 includes the step of continuously generating the command signal based on the typematic rate
3 of interface.

1 37. A system for controlling operations associated with generating and detecting
2 ultrasonic surface displacements on a remote object, the operations including obtaining
3 information associated with the object, the system including:
4 a processor;
5 a laser ultrasonic system linked with the processor; and
6 a communicator;
7 the communicator generating a command signal;
8 the processor receiving the command signal and operating the laser ultrasonic
9 system based on the command signal.

SEARCHED INDEXED
COPIED SERIALIZED FILED
JAN 11 2002